Media Technology & Image Editing Combination
Alice 3D Animation Lesson Plan

Grade Level: 9-12

Materials: Digital Camera, Alice Software Program, Handouts (Vocabulary List), Smartboard, LCD Projector, Student Computers, PowerPoint Presentation

Objective: TSWBAT design a storyboard to create an animated commercial using Alice Programming.

Standards:

- **Media Tech:**
  - UNIT B: Write a video script/storyboard
  - UNIT C: Manage crew and cast required for an audio-video production, Shoot/record a production script
  - UNIT D: Add text to video footage, Add narration

- **Image Editing I:**
  - UNIT H: Design Principles
  - UNIT I (2, 4): Transfer images from removable media, Transfer images from a digital camera
  - UNIT K (1, 2, 4, 5, 8): Straighten an image, Crop an image, Save the image

Instructional Strategies:

- Students demonstrate creative thinking, construct knowledge and develop innovative products and processes using technology.
- Students use digital media and environments to communicate and work collaboratively, including at a distance to support individual learning and contribute to the learning of others.
- Students apply digital tools to gather, evaluate, and use information.
- Students demonstrate a sound understanding of technology concepts, systems and operations.

Procedure:

- **Bellringer:**
  - Students will answer the questions on the following: What is a storyboard? And Why is a storyboard important in building an animation? (2-3 Complete sentences turned in to Edmodo)

- **Direct Instruction:**
  - Teacher will review standards and principles of storyboarding, copyright and Alice Lesson using PowerPoint

- **Guided Practice**
  - Teacher will guide students in creating 3D Animation Commercial Ad
  - Students will bring all prior knowledge of Alice programming to create the project
  - Commercial will be a minimum of 30 seconds long and include
- Adding objects and environmental things. Resizing and positioning objects.
- Grouping items in a list in the world tree as appropriate.
- Creating methods within an objects method and/or within the world method.
- Using loops, do in order and do together.
- Creating 1 billboard.
- Final presentation: billboard promoting commercial.

**Assessment:** Alice/Billboard Tutorial
Storyboard Assignment/Presentation
Alice Project/Presentation